IN THE SPECIFICATION:

Please replace the abstract with the following amended abstract:

The invention relates to a device for damping vibrations and/or controlling the flexion of an object (2, 10) in machining, said device comprising at least one force exchange device (7) which could be a force applying device or a damping device. A such force applying device (7) is for applying a force having a force component directed at right angles to the surface of the object and/or for applying a moment to the object (2, 10). A damping device (7) of this type is for absorbing vibrations from the object (2, 10) and is adapted to absorb a force component directed at right angles to the surface of the object or to absorb a moment from the object.